SHCHERBAKOVA, Ye, Ya. (Moskva)

Clinical ascerts of a dre postwarmatic intracrantal hematomas. Vop. netrokhir. 27 no.4115-19 Ji-Ag'63 (MIRA 17:2)

1. Nauchme-issledovatel'skry ordena Trudovogo Krasnogo Znameni inatitut neyrokhiturgii imeni N.N.Burdenko (dir. - prof. B.G. Yegorov) ANN SSSR.

SHCHERBAKOVA, Ye. Ta.

Var: bility of Aspergillus niger under the influence of ultraviolet rays. Mikrobiologila 32 no.1:43-49 v63 (MIRA 17:3)

1. TSentral 'nyy nauchno-issledovatel skiy institut konditerskoy promyshlennosti.

Correlation existing between morphological and physiological changes in Asperigillus niger mutants. Mikrobiologiis 33 no.24252-260 Mr.Ap '54. (MHA 17-12)

1. Institut mikrobiologii AV SSSR 1 Nauchno-issisdovatelitkiy institut konditerskoy promyshlennosti.

LIFOVSKAYA, V.I.; SHCHERBAKOVA, Ye,Ia.

Distribution of the ten-year maximum thicknesses of the snow cover of verying probability in the European part of the U.S.S.R. Trudy GGO no.149:38-47 163. (MIRA 17:1)

Includiate, V.I.; Stockharakova, Ya.Ye.

Frospective maximum decade heights of the snow cores of verying probability on the territory of the U.S.L.I.. [They GOD no.161:16-22 'o4. (Min. 17.9)

Characteristics of blockenses in the matrix of the section of the

SHITKIW, A..., prof.: SHCHERBAKCVA, Ye.Ya., vrach

Fig. (1 serial angiography in early topical diagnosis of intracranial hematomas during the acute period of cramio-curior traumas. Trudy Inst. im. N.V. Sklif. 8:113-121 (MTRA 18:6)

1. institut neyrokhirurgii imemi akademika Bardenko AMN SSSR, Moskva.

ZIL'BER, M.K. (Chelyabinsk); SHCHERBAKOVA, Z.I. (Chelyabinsk)

Density and surface tension of liquid waste slags from copper smelting. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no.6: 42-44 N-D '61. (MIRA 14:12)

(Copper industry—By-products)

(Slag—Testing)

ROZENISVEYG, S.A.; UFLYAND, N.Yu.; SHCHERBAKOVA, Z.V.

Adsorption of sulfur in iron in alkali solutions. Zhur. fiz. khim. 36 no.3:557-561 Mr '62. (MIRA 17:8)

1. Gosudarstvennyy soyuznyy nauchno-issledovateliskiy institut.

14-57-6-12748

Translation from: Referativnyy zhurnal, Geografiya, 1957, Nr 6,

pp 136-137 (USSR)

Sklyarova, T. V., Shcherbakova, Z. P. AUTHORS:

Origin and Development of Plankton and Benthos on Collective Farms in Voronezhskaya Oblast (K voprosu TITLE:

o sostave i razvitii planktona i bentosa kolkhoznykh

prudov Voronezhskoy oblasti)

Tr. Voronezhsk. zoovet. in-ta, 1956, Vol 13, pr 67-78 PERIODICAL:

The authors describe seven ponds in the Verkhne-Khava ABSTRACT:

district which were formed when depressions with moderately sloping grassy banks were flooded. Water surface was clear and free of weeds; the ground was chernozem ooze with deposits of clay and plant residum. Ponds, formed where natural or artificial bodies of water had previously existed, were stocked with pike,

crucian carp, marlin, red perch, roach and perch. In

Card 1/3

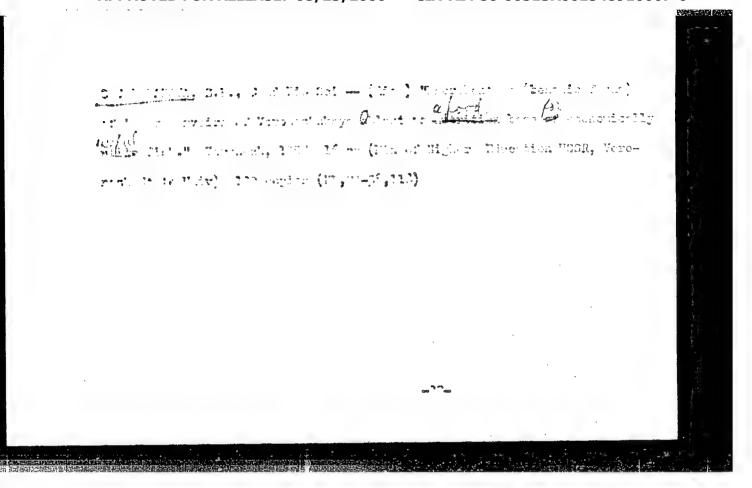
adding war of taken back.

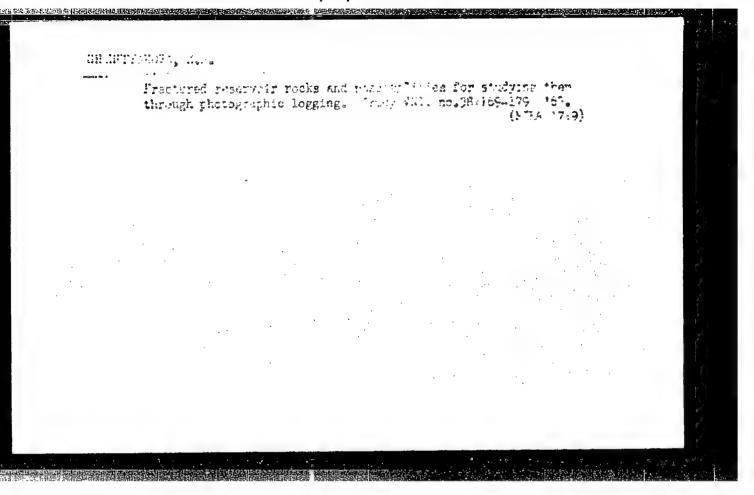
Origin and Develorment of Plankton (Cont.)

14-57-6-12748

Aphanizomenon flos aquae. The number of indwelling species and the amount of available benthos and plankton differed from rond to pond. The authors advise that these data should be considered when the Card 3/3

S. Ryabinina





VAKHGUSHEV, V.A.; SHCHERBAKOVA, Z.V.

Corundum-spinel rocks in the Sangilen Hidge in southeastern Tuva. Geol. i geofiz. no.4:113-115 '61. (MIRA 14:5)

1. Institut geologii i geofiziki Sibirskogo otdeleniya AN SSSR, Novosibirsk.

(Sangilen Ridge -- Corundum)

HOZENTSVETG, S.A.; SHCHERBAKOVA, Z.V. (Leningrad)

Effect of sulfur on an iron electrode in alkaline solution.
Zhur,fis.khim. 35 no.11:2547-2552 N '61. (MTRA 14:12)

2. Gosudarstvennyy nauchno-isəledovatel'skiy akkumulyatornyy institut, Isningrad.
(Electrodes, Iron)
(Sulfur)

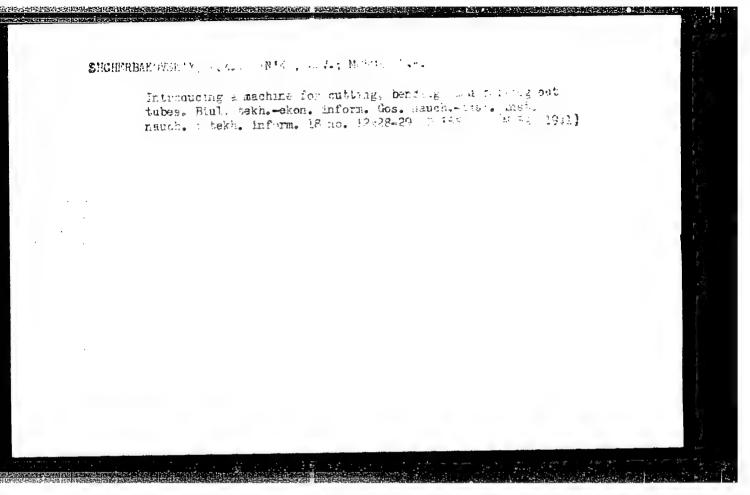
B Bailty, M. N., academiky a Mak W., faces, decreased in the properties and mile granites. Sock I. Do not be an academic for the properties and face granites. Sock I. Do not be an academic for the properties of the St. R.

1. Vestibit years all leads are a community and society and St. R.

VARTAHOVA, M.S.; SHCHMEBAKOVA, Z.V.

Temperatures of postmagmatic processes in granitos, Boki. All SSSR 159 no.6:1297-1300 D '64 (iiiRA 18:1)

1. Institut geologii i geofiziki Sibirskogo otdeleniya AN SCSR. Predstavleno akademikom V.S. Sobolevym.



SERGEYEV, N.; RIDER, V.A.; ORIPOV, Kh.; BRUNNER, Yu.N.; MANGUSH, Kh.; ORLOVA, A.S.; SHCHERBAKOVSKIY, N.N.; LESHCHINSKIY, N.S.; VOYAKOVSKAYA, Ye.S.; DERYABIN, V.I.

Letters to the editor. Zashch. rast. ot vred. i bol. 6 nc.5:44-45 My '61. (MIRA 15:6)

1. Inspektor po karantimu rasteniy g.Labinsk, Krasnodarskogo kraya (for Sergeyev). 2. Zaveduyushchiy Primorskim gosudarstvennym sortoispytatel'skim uchastkom Stalinskoy oblasti (for Mangush).
3. Agronom po zashchite rasteniy Shchelkovskogo rayona, Moskovskoy obl. (for Orlova). 4. Zaveduyushchiy Aleksandrovskim nablyudatel'nym punktom, Kirovogradskaya obl. (for Shcherbakovskiy). 5. Inspektor po karantimu rasteniy, g. Pyatigorsk, Stavropol'skogo kraya (for Leshchinskiy). 6. Agronom po zashchite rasteniy g. Kamenets-Podol'skiy, Khmel'nitskoy oblasti (for Voyakovskaya).

(Plants, Protection of)

SHCHERBAXOVSKIY, Vladimir Yakovlevich; GUROV, V.D., redaktor; KHRISTENKO, V.P., redaktor izdatel stva; KONYASHINA, A.D., tekhnicheskiy redaktor

三分元5十亿的5万大公司公司中国的中国的中国的国际国际国际国际的政策区域内部, 医阿尔州阿尔巴亚斯斯特国

[Drying wood in petrolatum; practices of the Repair and Construction Trust of the Railroad District of Moscow] Sushka drevesiny v petrolatume; iz opyte remontno-stroitel'nogo tresta Zheleznodorozhnogo raiona Moskvay. Moskva, Izd-vo M-va kommun.khoz. RSFSR, 1957, 70 p. (Lumber--Drying) (Petrolatum) (MLRA 10:9)

GORDKHOVSKIY, Yu.N.; SHCHERBAKOVSKIY, 7.S.

Microgensitemetric testing of color multilayer photographic materials. Thur. nauch. i priki. fot. i kin. 9 no.5:341-351 (MIRA 17:10)

1. Gosudarstvennyy opticheskiy institut imeni Vavilova, Leningrad.

GOROKHOVSKIY, Yo.M.; SHCHERBAKUVSKIY, A.S.

Effect of color c elopment on the microsensitometric properties of spectrozonal two-layer films, Zhar, nauch, i prikl.fot, i kin. 9 no.6:466-469 N-D 164. (MIRA 18:1)

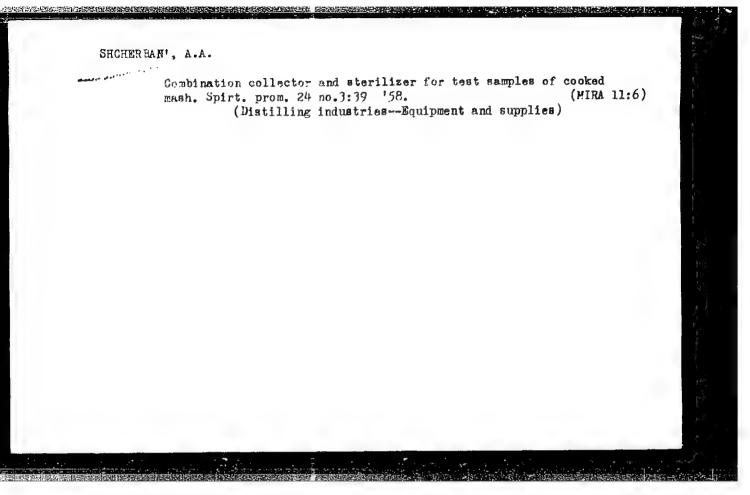
1. Gosudarstveamy opti neskiy mastitut imeni S.I.Vavilova, Leningrad.

Synthetic materials in light industry. Inform. binl. VDNKH.

10.219-12 F '64.

MIRA 17:8)

1. Glavnyy inzh. Upravleniya shveynoy promyshlennosti Moskovskogo soveta narodnogo khozyavstva (for Kryuchkova).



"APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R001548910007-6

135-5-11/14

SUBJECT:

. . . . 1.

USSR/Welding

AUTHORS:

Volchenko, V.N., Candidate of Technical Sciences, and Shcherban'

A.B., Engineer.

TITLE:

Torch for Semi-Automatic Welding in Carbon Dioxide. (Gorelka dlya poluavtomaticheskoy svarki v srede uglekislogo gaza).

PERIODICAL:

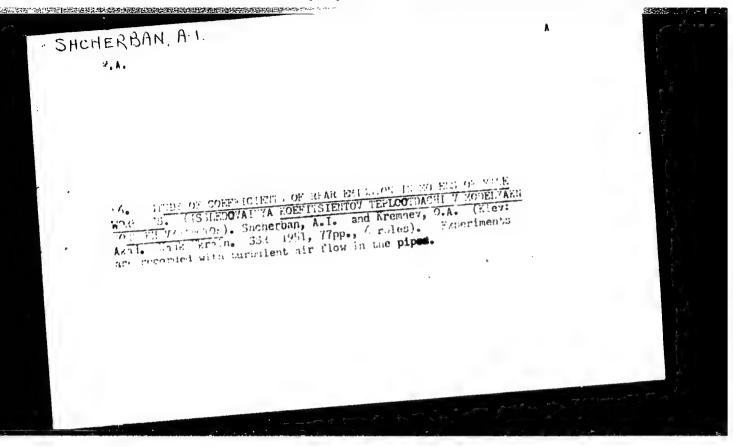
"Swarochnoye Proizvodstvo", 1957, # 5, pp 27-28 (USSR).

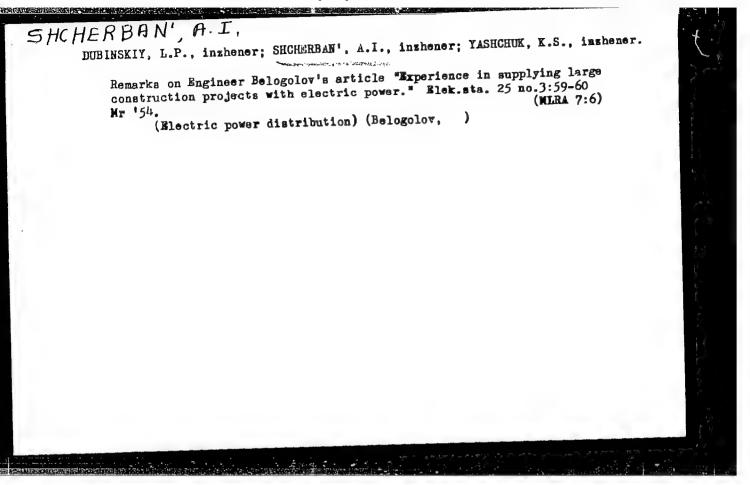
ABSTRACT:

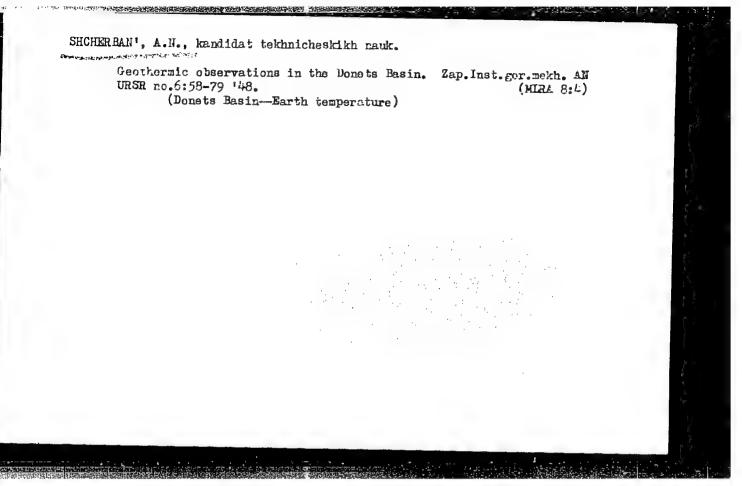
A new water cooled torch was developed by the Zhdanov Metallurgical Institute in co-operation with the plant imeni Il'yich.

The torch can be used with the welding machines "NAWM -500" or "NW -5". Its constructional features are: a tubular brass housing which is cooled by running water and connected by a nut to a detachable plastic handle. Replacement of casing does not require the removal of the torch, and the operation is done withrequire the removal of the housing carries a replaceable in 4-5 minutes. The and of the housing carries a replaceable gas nozzle made of copper. A push-button at the handle serves for switching on the power. The torch weighs about 500 grams. It has been tested with good results in welding casting defects in steel, and in welding sheet steel.

Card 1/2







SHCHEREAN', A.N., akademik, FURMAN, N.I., kand. tekhn. nauk. BELDGOLOVIN, N.S., FRIMAK, S.V.; TARASEVICH, V.N.

Transistorized contactless relay device. Avtom. 1 prib. no.3: 47-49 Jl-S '6... (MTRA 18:3)

1. Akademiya nauk UkrSSR (for Shcherban').

مند والأبات الإبارة

TA 35/4/207

USSR/Mining Method
Air Conditioning

Jan/Mar 49

"Refrigeration Engineering in the Coal Industry," A. Shcherban', Cand Tech Sci, 3 pp

"Kholodil Tekh" No 1

The deepest prewar coal-mining shafts in the Donets basin were 500 - 600 meters deep. Now, shafts of 1,200 - 1,500 meters are to be used. The temperature rise at 1,200 meters is figured to be approximately 40 - 47°. Discusses factors causing temperature rise and methods of air-conditioning the shafts.

38/49197

21748 Sighthan Lift', A.H. Injol'sevenie te la schatege vondelha shakhthey komprenerney: stanovki. Lgol', 1949, No. 7, 5, 16-17.

S0: Letojis'Shurnel'nykh Stitey, No. 29, Noskva, 1949

SHCHERBANI, A. N.

Heat formation in the coal mines of the Donets Basin Kiev, Izd-vo Akademii nauk Ukrainskoi SSR, 1950. 37 p. (51-27934)

TN808.R92D628

1. Coal mines and mining - Russia - Donets Basin.

SHCHERBALL, A.H., kandidat tekhnicheskikh nauk.

Effect of local heat sources on mine air temperature. Trudy Inst. gor, dela all USSR nc.1:25-16 '51. (MURA 10:3)

(Heat--Transmission) (Chemical reaction, Heat of)

SHCHERBAN, A. N.

USSR/Mining - Coal Mines, Air Conditioning 1951

"Problem of Air Conditioning in Deep Mines of Don-bass," A. N. Shcherban', Cand Tech Sci

"Zap Inst Gornoy Mekh" No 9, pp 15-27

Discusses factors causing changes in condition of mine atm, and outlines basic problems in the field of investigating methods for air conditioning in deep mines. Some of these problems are: investigation of Donbass geothermy, hydrology of great depths, heat liberation by rocks and machinery, oxidation processes, industrial hygiene.

204T73

SHCHERBAN', A.N., kandidat tekhnicheskikh nauk.

Method for the determination of air temperature in horizontal headings in Donets Basin coal mines. Sbor, trud. Inst. gor. dela AN URSR no. 2:105-120 '52, (MIRA 7:12)

(Donets Basin-Goal mines and mining)

SHCHERBAN', A.N.; ZURAROV, M., redaktor; VUYEK, M., tekhnicheskiy redaktor.

[From stopes to entire mines operating on an uninterrupted mining schedule] Ot tsikluiushchikhsia lav do shakht sploshnoi tsiklichnosti. Kiev, Gos. izd-vo tekhnicheskoi lit-ry USSR, 1953. 153 p.

(Goal mines and mining)

(MIRA 8:2)

CHCHERBAN, A. N.

Osnovy teorii i metody teplovykh raschetov rudnichnogo vozdukha / Fundamentals of the theory and methods of mine air heat calculation /. Moskva, Ugletekhizdat, 1953. 368 p.

SG: Monthly List of Russian Accessions, Vol. 6 No. 9 December 1953

THO ROBANI, A. N.

Coal Mines and Mining

Milect of the use of pneumatic machinery in mines on the temperature of mine air. Upul 2, No. 4, 180.

SHCUERRAN', A.N.

Air conditioning in Donets Basin mines. Ugol' 28 no.12:10-12 D'53.

(MIRA 6:11)

1. Institut gornogo dela Akademii nauk USSR.

(Donets Basin--Mine ventilation) (Mine ventilation--Donets Basin)

SHCHERBAN!, Aleksandr Nazarovich; YAGEL'SKIY, Anatoliy Naumovich;
BARATOV, Emil' Iosifovich; ZIL'BAN, M.S., redaktor; KRYLOVSKAYA,
N.S., tekhnicheskiy redaktor.

[Simplified methods of making heat calculations for mine ventilation in Donets Basin coal mines] Uproshchennye sposoby teplovykh raschetov rudnichnogo vozdukha v shakhtakh Donbassa. Kiev. Izd-vo Akad. nauk USSR, 1954, 126 p.

(Mine ventilation)

HCHERBAN, O. N. USSR/ Scientific Organization Card 1/1 Pub. 138 - 2/12 . Shcherban', O.N. Chief Scient. Secretary of the Presidium of the Ukr-Acad. Authors 1 Basic results of scientific activity and introduction into practice of Title finished works of the Academy of Sciences Ukr-SSR during 1953. Tasks for 1954 Periodical : Visnik AN URSR 3, 8-21, Mar 1954 : The great contributions of the Academy of Sciences Ukr-SSR to the develop-Abstract ment of agriculture and industry in the Ukr-SSR during 1953, are listed. The scientific research plans of the Academy for the year 1954 are announced. Present and future appointments of young scientists to scientific positions at the Academy and its Branches are reported. Institution: Submitted:

SHCHERBANI, A.	Ń.			
USSR/Scientific Organization				•
Card 1/1				
Author	:	Shcherban', A. N., Chief, Sci. Secr. of the Presidium of the Acad. of Sci. of the USSR	::	
Title		Creative co-operation		
Periodical	•	Nauka i Zhizn' 21/3, 5-7, Mar/1954		2 2 2st 1
Abstract	:	The 300th anniversary of the Union of the Ukraine with Russia brought about reminiscences of the effect of Russian science on Ukrainian science. More than 1,500 scientific workers, of whom 88 are active members and 105 corresponding members, are carrying on research in more than 50 scientific-research institutes of the Ukrainian Academy of Sciences.		
Institution	:	•••••		P
Submitted	:	•••••		

SHCHERRAN', O.N., professor.

Development of science in fraternal Bulgaria. Visuyk AN UESR 25 no.10:44-54 0 154.

(Bulgarian Academy of Sciences)

(Bulgarian Academy of Sciences)

SHCHERBAN', Aleksandr Basarevich, professor, doktar tekhnicheskikh; nauk;
KUCHEROV, P.S., redakter; KAZABTSEV, B.A., redakter; RAKHLINA,
N.P., tekhnicheskiy redakter.

[Development of technical sciences in the people's demecracies]
Razvitie tekhnicheskikh nauk v stranakh narednei demekratii.
Kiev, Izd-ve Akademii nauk USSR, 1955. 26 p.

(MIRA 9:5)

1. Chlen-korrespondent Akademii nauk USSR. (for Kucherov)

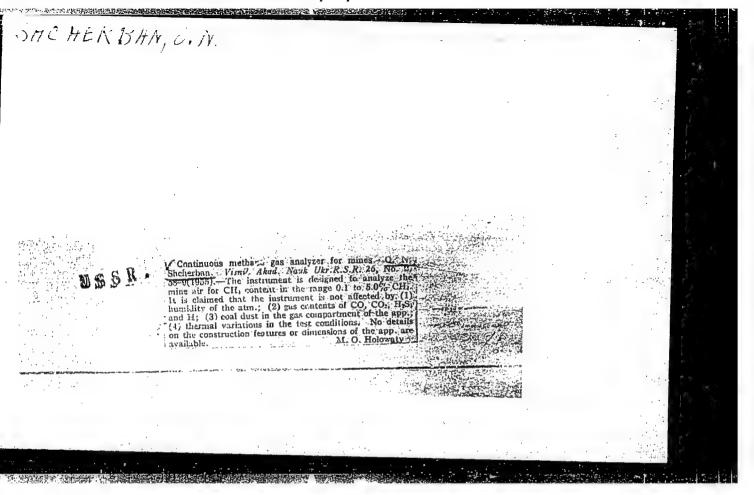
(Burope, Eastern-Technology) (China-Technology)

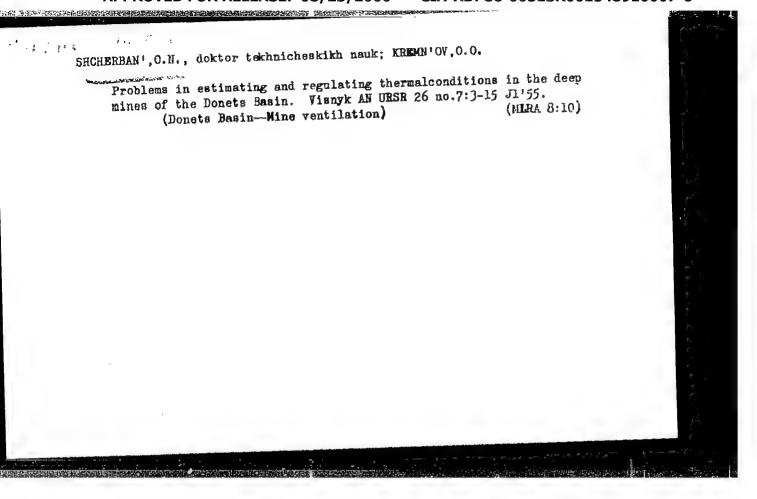
SHCHERBAN', Aleksandr Nazar'yevich; FUHMAN, Neonil Izrailevich; KUCHEROV, P.S., redaktor; TITKOV, B.S., redaktor; SIVACHENKO, Ye.E., tekhnicheskiy redaktor

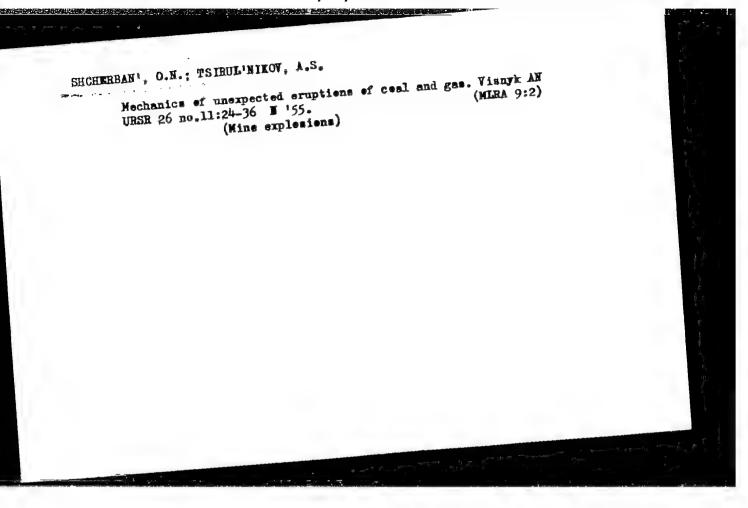
[Detecting and controlling methane in mines and industrial structures] Obnaruzhenie i kontrol netana v shakhtakh i promyshlennykh zdaniiakh. Kiev, Izd-vo Akademii nauk USSR, 1955. 100 p. (MIRA 9:2)

1. Chlen-korrespondent AN U.S.S.R. (for Kucherov) (Methane)

以作了这次就可能用各地的特殊的是,是如果在这种是他们的情况的思想的问题。但就没有明显这些对







APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001548910007-6"

SHCHERBAN', A. (N) Dr. Chief Sci. Secretary, Ukrainian SSR Acad Sci.

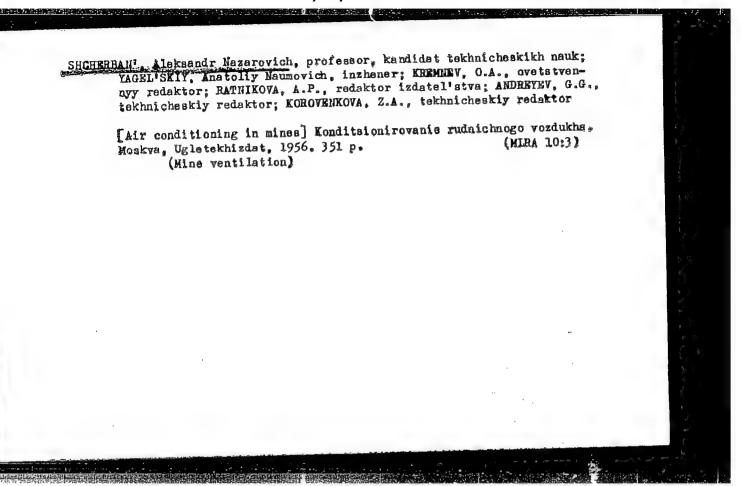
"Atomic Energy in the Service of Man® Pravda Ukrainy, No.114, p. 2, 15 May 55

Translated excerpts - D 332096, 20 Sep 55

SHCHERBAN', A.B.; EXEMNEY, O.A.; CHMRNOBYL'SKIY, I.I.; UCHASTKIN, P.V.;
THTEREVNIKOV, V.N.; YAGEL'SKIY, A.N.; KUCHEROV, P.S., redaktor;
TITKOV, B.S., redaktor izdatel'stva; ZHUKOVSKIY, A.D., tekhnicheskiy
redaktor

[Cooling and drying of air in deep coal mines] Okhlazhdenia i osushenie vozdukha v glubokikh ugel'rykh shakhtakh. Pod obshchei red. A.N.Shcherbania i O.A.Kremneva. Kiev, Izd-vo Akademii nauk USSR, 1956. 271 p. (MIRA 9:12)

1. Chlen-korrespondent AN USSE (for Kucherov)
 (Mine ventilation)



SOV/112-57-5-10531

Translation from: Referativnyy zhurnal, Elektrotekhnika, 1957, Nr 5, p 143 (USSR)

AUTHOR: Shcherban', A., Furman, N.

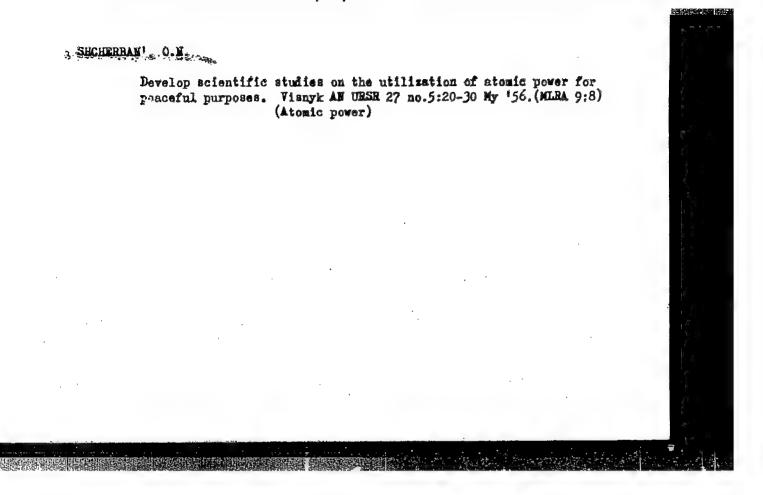
TITLE: Equipment for Automatic Determination of Thermal Physical Constants (Apparatura avtomaticheskogo opredeleniya teplofizicheskikh konstant)

PERIODICAL: Stroit. materialy, izdeliya i konstruktsii, 1956, Nr 3, pp 8-9

ABSTRACT: Determining the thermal physical characteristics of heat-insulating and construction materials by methods of the regular-condition theory is associated with the necessity of obtaining cooling curves of the body in question; this requires a constant-temperature medium and a differential thermocouple. As the specimen temperature usually does not exceed that of the ambient medium by more than 20-25°C, a mirror-type galvanometer is conventionally used for measurements. To simplify tests and to exclude subjective errors, it is suggested that a magnetic amplifier with a type SG recording millivoltmeter be used at the output end. A simplified circuit diagram of a simplestage differential magnetic amplifier with an amplification factor 30 is presented.

M.A.K.

Card 1/1



SHCHERBANI, Aleksandr Nezar'vevich; KUCHEROV, P.S., otv.red.; PECHKOVSKAYA, O.M., red.izd-ve; ZHUKOVSKIY, A.D., tekhn.red.

[Exploitation of coal deposits in the Korean People's Democratic Republic; a technical study] Razrabotka ugol'nykh mestorozhdenii v Koreiskoi Narodno-Demokraticheskoi Respublike; tekhnicheskii ocherk. Kiev, Izd-vo Akad.nauk USSR, 1957. 38 p. (MIRA 12:2)

1. Chlen-korrespondent AN USSR (for Kucherov).
(Kores, North--Coal mines and mining)

PALIADIN, O.V., red.; SEMENENKO, M.P., akademik, red.; SHCHWERANI...O.M., akademik, red.; GNEDENKO. B.V. [Hniedenko, B.V.], akademik, red.; DELIMARSKIY, Yu.K. [Delimars'kyi, IU.K.], akademik, red.; KAVETSKIY, R.Ye. [Egvets'kyi, R.IE.], akademik, red.; KHENOV, K.K. [Mrienov, K.K.], akademik, red.; KOROID, O.S., kand., akon, nauk, red.; GUDZENKC, P.P. [Hudzenko, P.P.], kand.ist.nauk, red.; SHIKAN, V.L., red.; izd.wa; RAKHLINA, H.P., tekhn.red.

[Development of science in the Ukraine during the past 40 years]
Rozvytok nauky v Ukrains'kii RSR ze 40 rokiv. Kyiv, 1957, 529 p.

(MIRA 11:3)

1. Akademiya nauk URSR, Kiyev (for Semenenko, Shcherben', Gnedenko, Delimarskiy, Kavetskiy, Khrenov)

(Ukraine...Science)

AUTTOBO:

Sheherban , A.K., Furman, t. I

507/19-58-1-340/523

TITLE:

A Device for Rapid Determination of Thermophysical Constants by the Method of Regular Thermal Conditions (Ustanovka dlya skorostnogo opredeleniya teplofizicheskikh konstant po metodam

regulyarnogo teplovogo rezhima)

PERTORICAL:

Byulleten: izobreteniy, 1958, Nr 4, p 86 (USSR

ABSEPACT:

Class 421, 15. Wr 109311 (455618/274-54, 19 March 1954). Submitted to the USSR Ministry of the Coal Industry. The device for rapid determination of thermophysical factors by the method of regular conditions consists of a calorimeter with a thermocouple and a fixing device. The fixing device contains a recording millivoltmeter connected to the data-unit, which measures the temperature difference, by a single-stage dif-

ferential magnetic amplifier.

Card 1/1

AUTHOR: Shcherban', O.N., Member of the AN Ukrannian 55h 11-5-1'86

TITLE: Development of Science in the Soviet Ukraina Raztsvet nauki

Sovetskoy Ukrainy)

PERTODICAL: Dopovidi Akademii Nauk Ukrains'koi RSR, 1957, Mr 5, pp. 423-

430 (USSR)

ABSTRACT: The Academy of Sciences of the Ukrainian SSR has 5 departments and over 50 scientific research institutions in which

about 2,000 scientific workers are employed. Besides this Academy, the Ukraine has also the Academy of Agricultural Sciences and the Academy of Architecture and Construction. Altogether, 30,000 scientists are working in the 400 scientific research organizations of the Ukraine, of which about 17,000 scientific workers are occupied with research in 130

higher educational institutions. Recontly, a cyclotron laboratory was established in the Institute of Physics, where research in nuclear reactions and neutron physics is being carried out. At present, a nuclear reactor is being con-

structed. Studies of isotopes were begun by the Institute of Physical Chemistry imeni L.V. Pisarzhevskiy in 1934. At

the same time, this Institute produced heavy water for the first time in the Soviet Union. The problem of semiconduct-

Development of Science in the Soviet Ukraine

注:1·14分子。11·15公子,以为15·15公子,11

21-5-1/26

ors is being studied in the Kiyev Polytechnic Institute, Kiyev State University and Institute of Physics of the AN Ukrainian SSR, The scientists of the latter institute have manufactured such semiconductor devices as germanium diodes and triodes of 2 to 3 mm in size. The famous mathematician M.M. Krylov and his school in Kiyev have performed investigations in the field of approximation methods of calculus and theory of dynamic systems. Academician N.N. Bogolynbov and his disciples have carried out research in mathematical physics and non-linear mechanics. The designing of a new specialized computer for solving large systems of algebraic equations is nearing completion. In 1954, the construction of a computing center in the Ukraine was begun. The Livov Institute of Machine Study and Automation, the Institute of Cas Utilization and the L'vov Polytechnic Institute are carrying out important research in the automation of manufacturing processes. In 1955, the Institute of Radiophysics and Electronics was incorporated in the system of the Ekrainian Academy of Sciences. The Institute of Physical Chemistry imeni L.V. Pisarzhevskiy was established in 1927. It applied the nitrogen heavy isotope for studying the mechanism of chemical processes. The Institute of Organic Chemistry has

Card 2/5

Development of Science in the Soviet Ukraine

21-5-1/26

Institute of Mining has designed a mining combine for the operation under loose rocks of the manganese and brown coal deposits and an original methane-analyzer of continuous action. The Institute of Construction Mechanics has developed methods for calculating the strength of various hydrotechnical constructions. The Institute of Hydrology and Hydrotechnics has worked on the problem of utilization of the Ukraine's water resources. The Institute of Electrotechnics has developed new devices for the condenser electric welding of thin machine parts and new automatic devices, in particular automatic regulators for the turning angle of hydroturbine blades. The Ministry of Health Protection of the Ukrainian SSR has 40 institutes and 17 higher medical educational institutions. The Academy of Agricultural Sciences has 17 zone and branch scientific research institutions and 21 regional state experimental stations. About 1,500 scientific workers are employed in the institutes and experimental stations of the Ministry of Agricultural Sciences. Social sciences in the Ukraine have been developed in the situation of fighting various bourgeois ideologies: Ukrainian bourgeois nationalists, decadents, cosmopolites, anti-scientific concepts of the "Pokrovskiy school" and bourgeois-national-

Card 4/5

SHCHERBAN' A.N.; FURMAN, N.I., inzhener; ZAYTSEV, V.I., inzhener; ERENBURG, I.I., inzhener; BARZILOVICH, P.P., inzhener.

Automatic continuous duty methane testers. Bezop.truda v prom. 1 no.8:25-29 Ag *57. (MLRA 10:8)

1.Deystvitel'nyy chlen AN USSR (for Shcherban') 2.Institut gornogo dela AN USSR (for Shcherban', Furman) 3. Zavod "Krasnyy metallist" (for Zaytsev, Erenburg) 4.Glavukruglemash (for Barzilovich) (Methane) (Gas detectors)

SHCHERBAN', Aleksandr Nazar'yevich; TSYRUL'NIKOV, Anatoliy Semenovich; KUCHEROV, P.S., otvetstvennyy red.; PECHKOVSKAYA, O.M., red. izd-va; BOGDANOVA, S.M., tekhn. red.

[Permeability of coal beds to gas] Gazopronitsaemost' ugol'nykh plastov. Kiev, Izd-vo Akad. nauk USSR, 1958. 108 p. (MIRA 11:8)

1. Chlen-korrespondent Akademii nauk Ukrainskoy SSR (for Kucherov).
(Coal) (Methane)

SHOHERBAN', Aleksandr Nazarovich, YAGEL'SKIY, Anatoliy Naumovich, BARATOV, EMITY Toeffovich, KUCHEROV, P.S., otv.red.; ZIL'BAN, M.J., red.; SKLYAROVA, V.Ye. tekhn.red.

[Simplified methods for making thermal calculations for mine ventilation in Donets Basin mines] Uproshchennye sposoby teplovykh raschetov rudnichnogo vozdukha v shakhtakh Donbassa. Izd. 2., perer. i dop. Kiev, Izd-vo Akad.nauk USSR, 1958. 156 p. (MRA 11:5)

1. Chlen-korrespondent AN USSR (for Kucherov)
(Donets Bassin-Mine ventilation)

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AUTHOR:

Shcherban', A. H.,

Academician and Vice-presi-

dent, Academy of Sciences, Ukr. SSR

TITLE:

The Tasks of Scientists in Developing the Productive Forces of the Ukraine (Zadachi uchen/hh v rasvitii proisvoditel'

nytto sil Utrainy)

PERIODICAL:

Ventrale Meadania " ric SSSR, 1990,

10r 0, pp 39-45 (USaR)

ABSTRACT:

The rapid growth of the political economy and the creation of a powerful socialist industry have caused the accessity of a perfection of the organization forms of management in all branches of industry and building activity, in order to guarantee a more systematic exploitation of the immense reserves and possibilities of the socialist economy. A broad view on productive connections with the production organizations is given to the scientists of the AN Ukrainian SSR by the establishment of technical—and economical advisory boards of the economic councils, the principal task of which is the investigation of general problems of the development of industry, of labor productivity, of reduction of prime

Card 1/3

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The Tasks of Scientists in Developing the Productive Forces of the Ukraine

costs and of quality improvement. In October 1957 groups of scientists under the direction of members of the academy have visted 10 economic councils and treated all assured problems. Furthermore, plans to a large extent only for the future, in all branches of economy are described in devail. Amon; the work already finished and started, respectively, the following is mentioned: a device for air cooling in the deup gits in the district of the economic council o. Stalinsk; as well as a continuously operating methane analyzer. The Institute for Metallurgy together with industry experts claborates a blast-furnace-processing with blowing in of natural gas into the blast furnace frame, and investigates the effact of arsenic upon the quality of the steel. Particularly important is the problem of taking part of the scientists of the AN Ukrainian SSR in the elaboration of the prospective plans for the years to come 1959-1965. The activity of the academic institutions must be connected with manufacturing. Very soon, the existing scientific institutes are to be extended, and, where it seems to be necessary, they are to be newly established, respectively. In 1957 3 departments of the mining institute were established in Stalino, which soon

Card 2/3

The Tasks of Scientists in Developing the Productive Forces of the Taraine

are to be extended. Also the laboratory for mine transports in Dnepropetrovsh will be completed and retrained. In the coal basin of L'vovsko-Volynskiy a restarch station will be established, as well. In Kiyev in the work "Tochelchtropribor" a research group of the institute for eletrical engineering has been established. In Khar'kov, Stalino and Dnepropetrovsk departments of the Institute for Economics have been founded. The elaborated scientific proposals must be considered in the expended plan of the USSR for the years 1959-1969.

2-3/40

ASSOCIATION: Akademiya nauk USSR (Academy of Sciences of the Ukm SSR)

AVAILABLE: Library of Congress

1. Economic conditions-USSR 2. Industry-Development-USSR

Card 3/3

SHCHERRAN', A.N. [Shcherban', O.N.], akademik; BARATOV, E.I.

Effect of extracted coal on the temperature of mine air at working faces [with summary in English]. Dop.AH URSA no.12: (MIRA 12:1) 1313-1315 '58.

1. AN USSR (for Shcherban'). 2. Institut teploenergetiki AN USSR. (Coal mines and mining)

SH. HENBAN', A.N., akademik; BARATOV, E.I., inzh.

Artificial air cooling in Donets Basin mines. Bezop.truda v prome (MIRA 11:11)
2 no.10:3-5 0 '58.

1. AN USSR (for Shcherban'). 2. Insitut gornogo dela AN USSR.

(Donets Basin-Mine ventilation)

SHCHERRAN', A.N., akademik; BARATOV, E.I., kand. tekhn. nauk; KREMNEV, O.A., kand. tekhn. nauk

Problems of temperature control in deep Donets Basin mines.

Ugol' Ukr. 2 no.10:33-38 0 \58. (MIRA 12:1)

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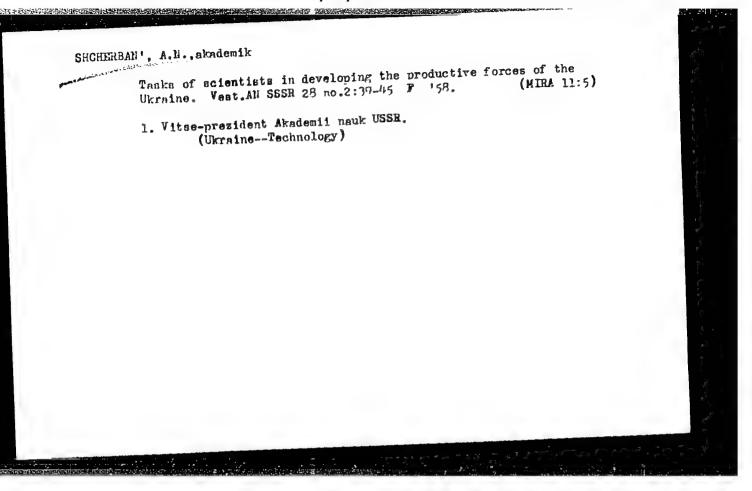
(Donets Busin-Coal mines and mining-Air conditioning)

SHCHERRAN, Q.N., akademik

Air conditioning in coal mines. Rauka i zhyttia 8 no.11:20-23
N '58.

1. AN USSR.

(Coal mines and mining--Air conditioning)



SHCHERBAN', O.N., akademik

Tasks of the institutes of the Academy of Sciences of the Ukrainian

Tasks of the institutes of the Academy of Sciences of the Ukrainian of S.S.R. in developing the productive forces in the economic regions of S.S.R. Visnyk AN URSR 29 no.1:27-36 Ja 158.

(MIRA 11:4)

1.Vitse-prezident AN URSR.

(Ukraine-Research, Industrial)

SHCHERBAN', Aleksandr Nazarowich [Shcherban', O.N.], akademik; SHYETS,
I.T., akademik, glavnyy red.; KOVALEVSKIY, V.V., red.

[Prospects of the development of atomic power] Perspektyvy
rozvytku atomnoi energetyky. Kyiv, 1959. 49 p. (Tovarystvo
dlia poshyrennia politychnykh i naukovykh znan' URSR. Ser.5.
dlia poshyrennia politychnykh i naukovykh znan' URSR. Ser.5.
(MIRA 12:9)

1. Akademiya nauk USSR (for Shcherban', Shveta).

(Atomic power)

SHCHERBAN', A.N.; TSYRUL'NIKOV, A.S.; BARATOV, E.I.; RYZHEHKO, I.A.;

AFONINA, G., red.; MATUSEVICH, S., tekhn.red.

[Determining the length of stopes in coal mines] Opredelenie dliny ochistnykh saboov ugol'nykh shakht. Kiev, Gos.izd-vo tekhn.lit-ry USSR, 1959. 125 p.

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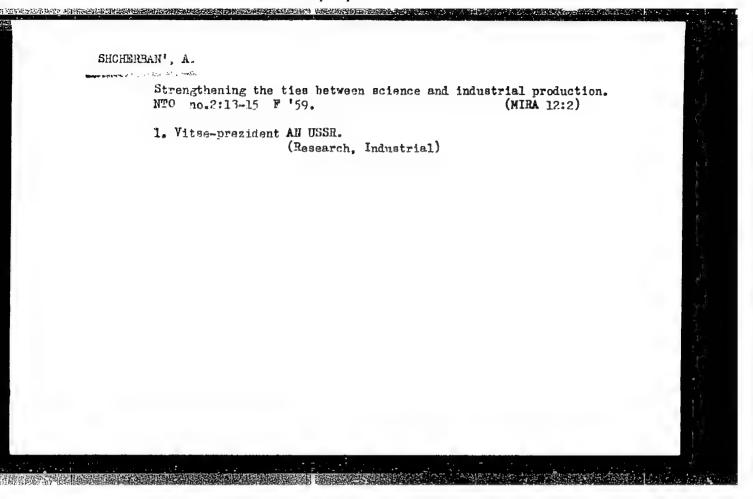
(Mine ventilation) (Stoping (Mining))

SHCHERBAN', Aleksandr Nazar'yevich, akademik; KREMNET, Oleg Aleksandrovich, kand.tekhn.nauk; TITOVA, N.M., red.izd-va; KADASHEVICH, O.A., tekhn.red.

[Scientific bases for the calculation and regulation of thermal conditions in deep mines] Nauchnye osnovy rascheta i regulirovaniia teplovogo rezhima glubokikh shakht; v dvukh tomakh. Kiev. Izd-vo Akad.nauk USSR. Vol.1. [Scientific bases for the calculation of thermal conditions in deep mines] Nauchnye osnovy teplovogo rascheta glubokikh shakht. 1959. 427 p. (MIRA 13:3)

l. AN USSR; zaveduyushchiy laboratoriyey gornoy teplotekhniki Instituta teploynergetiki AN USSR (for Shcherban'). 2. Zaveduyushchiy laboratoriyey teploobmena Instituta teploenergetiki AN USSR (for Kremnev).

(Mine ventilation) (Heat-Transmission)



11(7)

SOV/21-59-7-13/25

AUTHOR:

Sheherban, A.N. Hember Adukrack and Paratov, F.I.

TITLE:

"ethod for Calculating the Tength of the Coal Face

by the Weat Pactor

FERIODICAL:

Popovidi Akademii Nauk Ukrains'koi RSR, 1959, Nr 7, pp 753-755 (UkrSSR)

ABSTRACT:

The authors propose a formula for determining the limiting length of the coal face by the heat factor. It is established that the limiting length of coal faces quickly decreases with an increase in the depth of mine workings. There are 8 mathematic formulas, 1

table and 4 Soviet references.

ASSOCIATION: Institut teploenergetiki AF Ukrasa (Institute of Heat-

power Engineering ASUkresk)

SUBMITTED:

February 18, 1959

Card 1/1

SHCHERBAN*, Aleksendr Nazar'yevich; STARIK V. N.A., akademik, otv. red.; TITOVA, I. ., red.izd-va. YEFIMOVA, M.I., tekhn. red.

[Development of the coal deposits of the People's Republic of Bulgaria] Razrabotka ugol'nykh mestorozhdenii Narodnoi Respubliki Folgarii; tekhnicheskii ocherk. Kiev, Izd-vo Akadoneuk USSR, 1959. 32 p. (MIRA 16:7)

SHCHERBAN', A.N., akademik; BARATOV, E.I., kand.tekhn.nauk

Determining the maximum length of a stope according to the thermal factor. Ugol' Ukr. 3 no.9:9-11 S '59.

1. Institut teploenergetiki AN USSR. 2. AN USSR (for Shcherban'),

(Coal mines and mining—Safety measures)

(Mine ventilation)

SHOHERMAN, A.N., akademik: BUTAYEV, O.A.: FURMAN, N.I.; TERENT'TEV, N.F.

Automatic methane indicator for gas reducer plants and compressor stations of main gas pipelines. Gas., prom. 4 no.4:42-45 Ap '59.

(Gas, Natural—Pipelines) (Gas detectors)

(Gas detectors)

PHASE I BOOK EXPLOITATION SOV/5482

Shcherban', Aleksandr Nazar'yevich, Oleg Aleksandrovich Kremnev, and Nina Mikhaylovna Titova

- Svoystva vlazhnogo vozdukha pri davleniyakh 500-1000 mm rt. st.; tablitsy i diagrammy (Properties of Moist Air With Pressure of 500-1000 mm Hg; Tables and Diagrams) Moscow, Gosgortekhizdat, 1960. 131 p. Errata slip inserted. 2,000 copies printed.
- Ed. of Publishing House: I. V. Khodneva; Tech. Ed.: Z. A. Boldyreva.
- PURPOSE: This manual is intended for the designers of all types of ventilation and air-conditioning equipment used in various branches of the national economy, and may be helpful to technical personnel concerned with fire prevention in mines.
- COVERAGE: The manual contains detailed tables and diagrams of moist air within wide limits of variation of pressure (500 to 1000 millimeters Hg), temperature (-30° to +60°C), and relative humidity (0 to 100%). On the basis of these tables it is

Properties of Moist Air (Cont.) SOV/5482 possible to determine moist air parameters and the processes of their variation. These data are necessary for the rational designing of ventilation and air-conditioning equipment. No personalities are mentioned. There are no references. TABLE OF CONTENTS: Foreword 3 Moist Air 1. Parameters of moist air condition 2. Thermodynamic relationships of the basic moist air parameters and their approximation for mine conditions 6 3. Compilation and use of moist air tables 4. Plotting and use of moist air I - d diagrams 9 10 Parameters of moist air at a barometric pressure of B = 500 mm Hg12 Parameters of moist air at B = 600 mm Hg Parameters of moist air at B = 700 mm Hg Parameters of moist air at B = 740 mm Hg 22 32 42 Card 2/4.

SHCHERBAH', Aleksendr Nezer'yevich; KRMMNEY, Oleg Aleksendrovich;
TITOVA, N.M., red.izd-va; ROZENTSVEYG, Ye.N., tekhn.red.

[Scientific besis for the calculation and control of thermal conditions in deep mines] Nauchnye osnovy rescheta i regulirovenite teplovogo remnime glubokikh shakht. Kiev. Izd-vo Akad. nauk USSR. Vol.2. 1960. 346 p. (MIRA 13:8)

(Mine ventilation)

(Mines and mineral resources—Air conditioning)

SHCHERBAN', Aleksandr Mazar'yevich; KREMNEV, Oleg Aleksandrovich;

ZHURAVLENKO, Viktor Yakovlevich; CHERNOBYL'SKIY, I.I., otv.red.;

RATNIKOVA, A.P., red.izd-va; BERESLAVSKAYA, L., tekhn.red.;

SHKLYAR, S.Ya., tekhn.red.

[Handbook for calculating mine heat and designing air-conditioning equipment] Spravochnoe rukovodstvo po teplovym raschetam shakht i proektirovaniiu ustanovok dlia okhlazhdeniia rudnichnogo vozdukha. Moskva, Gos.nauchno-tekhn.ixd-vo lit-ry po gornomu delu, 1960.
407 p. (MIRA 14:4)

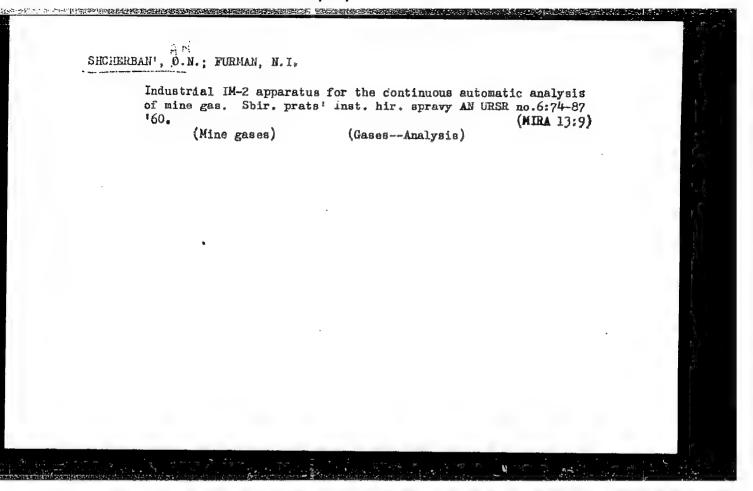
(Mine ventilation)

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SHCHFRBAN', A.N. [Shcherban', O.N.], akademik: BARATOV, E.I.

Effect of roof control method on thermal conditions in deep Donets Basin mines. Dop.AN URSR no.2:177-180 '60. (MIRA 13:6)

1. Institut teploenergetiki AN USSR. 2. AN USSR (for Shcherban!).
(Mine sanitation)



SHCHERRAII', A.N. [Shcherban', O.N.], akademik; RYZHENKO, I.A. [Ryzhenko, I.O];
SKOROBOĞAT'KO, A.A. [Skorobohat'ko, A.A.]

Determining the site of average air velocity measurement in mines with rectangular and square cross sections. Dop.AN URSR no.8:1050-1052 (MIRA 13:9)

 Institut teploenergetiki AN USSR i Kiyevskiy gosudarstvennyy universitet im. T.G. Shevchenko. (Mine ventilation)

SHCHERBAN', A.N. [Shcherban', O.N.], akademik; TSYRUL'NIKOV, A.S. [TSyrul'nykov, A.S.]; TERESHCHENKO, V.G. [Tereschchenko, V.H.]

Methods of thermal calculations for mine air at coal faces. Dop. AN URSR no.9:1211-1218 '60. (MIRA 13:10)

1. Institut teploenergetiki AN USSR. 2. AN URSR (for Shcherban!).
(Mine ventilation)

RYZHENKO, I.A. [Ryzhenko, I.O.]; SHCHERBAN', A.N., [Shcherban', O.N.], akademik

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Ventilation stream parameters characterizing the removal of dust from mines with a circular cross-section. Dop.AN URSR no.10:1384-1387 '60. (MEA 13:11)

1. Institut teploenergetiki AW USSR. 2. AN USSR (for Shcherban¹).

(Nine ventilation)

SHCHERBAN', A.N. [Shcherban', O.N.], akademik; KREMNEV, O.A. [Kremn'ov, O.O.];
KOZLOV, Ye.M. [Kozlov, IE.M.]; SHELIMANOV, V.A. [Shelimanov, V.O.]

Principles for calculating the temperature and relative humidity of air in mines. Dop.AN URSR no.11:1527-1529 '60. (MIRA 13:11)

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SHCHERBAN', A.N., akademik; TSTEUL'NIKOV, A.S., dotsent; RYZHENKO,

I.A., gornyy inzhener

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(Mine gases) (Coal mines and mining)

SHCHERBAN', A. N., and FURMAN, N. I.

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Report submitted for the Conference on Heat and Mass Transfer, Minsk, BSSR, June 1961.

SHCHERBAN', A. N. and KREMNEV, O. A.

"Non-starionary Heat Conductivity of Rocky Massivey and Analytical Methods of Heat Calculations of Shafts."

Report submitted for the Conference on Heat and Mass Transfer, Minsk, BSSR, June 1961.

RYZHENKO, I.A. [Ryzhenko, I.O.]; SHCHERBAN', A.N. [Shcherban', O.H.] akademik

Settling of dust from ventilation currents through adhering to the walls of mine workings. Dop.AN URSR nc.2:197-199 '61.

(MIRA 14:2)

1. Institut tepldenergetiki AN USSR. 2. AN USSR (for Shcherban').

(Mine dusts)

SHCHERBAN', A.H., akademik, otv. red.; TITOVA, N.M., red. izd-va; LIBER-MAN, T.R., tekhn. red.

[Transactions of the Seminar on Thermodynamics in Mining] Seminar to gornoi teplotekhnike; trudy. Kiev, Izd-vo Akad, nauk USSR, No.3, 1961. (MIRA 14:12)

1. Akademiya nauk USSR (for Shcherban'). (Mine ventilation)

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AYMERICO. 1.A. [ yzhenko, I.O.]; MCHERGAN', A.N. [Sheherban', O.H.], akademik

Aklsation frequency of in hir stream [with numbery in English].

Dop.AN URSR no.3:303-306 '61. (MIRA 14:3)

1. Institut teploenergetiki AM USSR. 2. AN USSR (for Sheherban').

(Air flow)
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SHCHERBAN' A.N. [Shcherban', O.N.], akadmik; TSYRUL'NIKOV, A.S.

[TSyrul'nykov, A.S.]; YEREMIN, I. Ya. [IEr'omin, I.IA]

Method for predicting the gas content of coal and gas pressure at the face of the seam. Dop.AN URSR no.6:753-758 (MIRA 14:6)

'61.

1. Institut teploenergetiki AN USSR. 2. AN USSR (for Shcherban'). (Mine gases)

SHCHERBAN', A.N., akademik; TSYRUL'NIKOV, A.S., kand.tekhn.nauk;

TERESHCHENKO, V.G., gornyy inzh.

Temperature conditions of rock walls and coal seam in the face area.

Ugol' Ukr. 5 no.5:10-13 My '61. (MIRA 14:5)

1. AN USSR (for Shchervan').

(Coal mines and mining—Air conditioning)

SHCHERBAN', A.N., [Shchertan', O.N.], akademik; TSYVUL'NIKOV, A.S. [TSYRUL'NYKOV, A.S.]; YEREMIN, I.Ya. [IER'OMIN, I.IA.]

Expected surface temperature of a coal seam and country rock in stopes of coal pits. Dop. AN URSR no.8:1045-1048-161. (MIRA 14:9)

1. Institut teploenergetiki AN USSR. 2. AN USSR (for Shcherban').

(Coal mines and mining)

KUZ'FICH, Anton Savvich; SHEVYAKOV, L.D., akadomik, retsenzent; SHCHERBAN', A.N., akademik, retsenzent; KIPOT', V.S., otv. red.; SUROVA, V.A., red. izd-va; SHKIYAR, S.Ya., tekhn. red.

[Technological progress and growth of labor productivity in the coal mining industry] Tekhnicheskii progress i rost proizvoditel'nosti truda v ugol'noi promyshlennosti. Moskva, Gosgortekhizdat, 1962. 263 p. (MIRA 15:8)

- 1. Deystvitel'nyy chlen Akademii nauk SSSR (for Shevyakov).
- 2. Deystvitel'nyy chlen Akademii nauk USSR (for Shcherban'). (Coal mines and mining)

Contribution of theory to practice. Nauka i shyttia line. 1.5-8 Ja 182.

1. Alf USSR predicatel Consuderstvenrops koniteta Soveta Ministroy USSR predicatel insuchno-is, ledovatel skikh rebot.

(Uschnological innovations)